

Table S1. Deviations of average monthly air temperature from the baseline (ΔT , °C) in different winter seasons (Petrozavodsk meteorological station data). Bold – excess over the baseline by 5°C or more. Rightmost column: average temperature from November to May. Asterisks mean the average air temperature from November to April was colder than in 1961-1990.

Winter seasons	ΔT , °C							T, °C
	Nov	Dec	Jan	Feb	Mar	Apr	May	Nov-Apr
1994-1995	-1.9	1.7	5.4	6.8	3.4	1.2	0.1	-2.9
1995-1996	-2.3	-3.7	2.6	-2.8	-0.8	-0.5	-1.6	-7.0*
1996-1997	4.8	0.5	1.1	3.6	1.0	-1.4	-1.7	-4.1
1997-1998	-1.2	-1.5	5.1	-4.3	-1.8	-3.2	0.3	-6.8*
1998-1999	-3.5	0.5	-0.2	-1.3	-0.1	3.3	-4.1	-5.9*
1999-2000	-1.5	3.4	3.7	4.6	2.1	4.0	-0.1	-3.0
2000-2001	1.7	3.2	6.6	-2.7	-2.4	4.2	-1.1	-3.9
2001-2002	-1.1	-4.1	3.5	6.7	2.7	1.9	0.6	-4.1
2002-2003	-4.0	-5.7	-3.3	2.6	2.1	-0.8	2.3	-7.2*
2003-2004	2.2	4.0	0.3	0.9	2.3	0.0	0.2	-4.1
2004-2005	-0.6	3.1	6.8	0.4	-3.7	1.1	0.5	-4.5
2005-2006	4.9	1.4	1.6	-5.4	-5.2	1.0	1.1	-6.0*
2006-2007	0.9	8.0	5.2	-5.6	6.5	1.6	1.0	-2.9
2007-2008	-0.8	6.2	6.8	5.9	1.5	1.3	-1.2	-2.2
2008-2009	3.2	5.0	3.1	2.3	0.3	-0.1	2.2	-3.4
2009-2010	2.2	-1.7	-3.8	-2.3	-0.9	2.4	2.9	-6.4*
2010-2011	-1.2	-6.4	1.2	-4.5	0.6	2.7	0.8	-7.0*
2011-2012	2.6	7.3	3.1	-3.2	0.1	0.2	1.6	-4.0
2012-2013	2.7	-3.8	2.4	4.8	-5.8	1.2	2.7	-5.4
2013-2014	4.3	5.5	1.2	7.5	4.1	2.0	1.7	-1.6
2014-2015	1.2	3.3	4.3	7.1	5.1	0.7	2.0	-2.1
2015-2016	2.6	5.9	-3.5	7.5	3.2	2.0	4.3	-2.8
2016-2017	-1.8	3.2	4.1	2.3	3.4	-1.3	-3.4	-4.0
2017-2018	2.3	5.7	6.0	-1.3	-3.8	1.6	4.1	-4.0
2018-2019	2.8	1.2	2.5	5.9	2.7	2.5	0.7	-2.8
2019-2020	1.3	6.4	9.4	7.1	4.3	0.0	-1.1	-1.0